



SEQUENCE LISTING

<110> COLINGE, JACQUES
MASSELOT, ALEXANDRE

<120> SYSTEM AND METHOD FOR SCORING PEPTIDE MATCHES

<130> 64176.000005

<140> 10/624,531
<141> 2003-07-23

<150> 60/399,464
<151> 2002-07-29

<150> 60/468,580
<151> 2003-05-07

<160> 42

<170> PatentIn Ver. 2.1

<210> 1
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 1
Ala Lys Ala His Trp Asn Asp Ala Ala Asn Gly
1 5 10

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<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 2
Cys Lys Arg His Asp Glu Asn Gln
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<211> 46
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 3
Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15
Thr Val Trp Tyr Asn Lys His Phe Trp Tyr Ala Cys Asp Glu Phe Gly

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20 25 30
 His Ile Lys₃₅ Leu Met Asn Pro Gln₄₀ Arg Ser Thr Val Trp₄₅ Tyr

<210> 4
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 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

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 Ala Cys Asp Glu Phe₅ Gly His Ile Lys₁₀ Leu Met Asn Pro Gln₁₅ Arg Ser
 Thr Val Trp Tyr₂₀ Lys Ala Cys Asp Glu₂₅ Phe Gly His Ile Lys₃₀ Leu Met
 Asn Pro Gln₃₅ Arg Ser Thr Val Trp Tyr₄₀

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<220>
 <223> Description of Artificial Sequence: Synthetic peptide

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 Ala Cys Asp Glu Phe₅ Gly His Ile Lys₁₀ Leu Met Asn Pro Gln₁₅ Arg Ser
 Thr Val Trp Tyr₂₀ Asp His Ser Thr Tyr₂₅ Ala Cys Asp Glu₃₀ Phe Gly His
 Ile Lys₃₅ Leu Met Asn Pro Gln₄₀ Arg Ser Thr Val Trp Tyr₄₅

<210> 6
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 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 6
 Ala Cys Asp Glu Phe₅ Gly His Ile Lys₁₀ Leu Met Asn Pro Gln₁₅ Arg Ser
 Thr Val Trp Tyr₂₀ Ala Cys Asp Glu₂₅ Phe Gly His Ile Lys₃₀ Leu Met Asn
 Pro Gln₃₅ Arg Ser Thr Val Trp Tyr₄₀ Gly

<210> 7
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 7
Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15
Thr Val Trp Tyr Lys Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met
20 25 30
Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40

<210> 8
<211> 60
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

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Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15
Thr Val Trp Tyr Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn
20 25 30
Pro Gln Arg Ser Thr Val Trp Tyr Ala Cys Asp Glu Phe Gly His Ile
35 40 45
Lys Leu Met Asn Pro Gln Arg Ser Thr Val Trp Tyr
50 55 60

<210> 9
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<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

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Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15
Thr Val Trp Tyr Lys Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met
20 25 30
Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40

<210> 10
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<212> PRT
<213> Artificial Sequence

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1 5 10 15
Thr Val Trp Tyr Glu Asn Ala Cys Asp Glu Phe Gly His Ile Lys Leu
20 25 30
Met Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40

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<220>
<223> Description of Artificial Sequence: Synthetic peptide

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Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15
Thr Val Trp Tyr Gln Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met
20 25 30
Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40

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Thr Val Trp Tyr Asp Lys Asn Pro Ala Cys Asp Glu Phe Gly His Ile
20 25 30
Lys Leu Met Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40

<210> 13
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 13

Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15

Thr Val Trp Tyr Glu Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met
20 25 30

Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40

<210> 14

<211> 42

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

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Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15

Thr Val Trp Tyr Ala Pro Ala Cys Asp Glu Phe Gly His Ile Lys Leu
20 25 30

Met Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40

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<223> Description of Artificial Sequence: Synthetic peptide

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Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15

Thr Val Trp Tyr Cys Asp Glu His Lys Asn Gln Arg Ala Cys Asp Glu
20 25 30

Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40 45

<210> 16

<211> 42

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<400> 16

Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15

Thr Val Trp Tyr Ala Pro Ala Cys Asp Glu Phe Gly His Ile Lys Leu
20 25 30

Met Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40

<210> 17

<211> 48

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 17

Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15

Thr Val Trp Tyr Cys Asp Glu His Lys Asn Gln Arg Ala Cys Asp Glu
20 25 30

Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40 45

<210> 18

<211> 42

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 18

Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15

Thr Val Trp Tyr Ala Pro Ala Cys Asp Glu Phe Gly His Ile Lys Leu
20 25 30

Met Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40

<210> 19

<211> 48

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 19

Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser

Thr Val Trp Tyr Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn
20 25 30

Pro Gln Arg Ser Thr Val Trp Tyr Ala Cys Asp Glu Phe Gly His Ile
35 40 45

Lys Leu Met Asn Pro Gln Arg Ser Thr Val Trp Tyr
50 55 60

<210> 23

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 23

Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15

Thr Val Trp Tyr Asn Gly
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<210> 24

<211> 41

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 24

Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15

Thr Val Trp Tyr Gln Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met
20 25 30

Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40

<210> 25

<211> 43

<212> PRT

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 25

Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15

Thr Val Trp Tyr His Met Trp Ala Cys Asp Glu Phe Gly His Ile Lys
20 25 30

Leu Met Asn Pro Gln Arg Ser Thr Val Trp Tyr
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<210> 26
<211> 41
<212> PRT
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<400> 26
Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15
Thr Val Trp Tyr Cys Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met
20 25 30
Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40

<210> 27
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 27
Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15
Thr Val Trp Tyr Cys Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met
20 25 30
Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40

<210> 28
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<223> Description of Artificial Sequence: Synthetic peptide

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Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15
Thr Val Trp Tyr Cys Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met
20 25 30
Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40

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<223> Description of Artificial Sequence: Synthetic peptide

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1 5 10 15
Thr Val Trp Tyr Cys Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met
20 25 30
Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40

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Thr Val Trp Tyr Met Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met
20 25 30
Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40

<210> 31
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 31
Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met Asn Pro Gln Arg Ser
1 5 10 15
Thr Val Trp Tyr Ser Ala Cys Asp Glu Phe Gly His Ile Lys Leu Met
20 25 30
Asn Pro Gln Arg Ser Thr Val Trp Tyr
35 40

<210> 32
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<400> 32
Phe Pro Asn Cys Tyr Gln Lys Pro Cys Asn Arg
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<210> 33
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 33
Glu Pro Cys Val Glu Ser Leu Val Asp Leu Tyr Phe Gln Thr Ile Pro
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Asp Tyr Gly Lys
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<210> 34
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<400> 34
Ala Thr Gly Trp Arg Gln Ser Thr Arg Asp Ala Ser Tyr Thr
1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 35
Ala Thr Gly Trp Arg
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Gln Ser Thr Arg
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Asp Ala Ser Tyr Thr
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<400> 38
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Gln Ser Thr Arg Asp Ala Ser Tyr Thr
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Ala Phe His Ile Leu Met Val Trp Tyr
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<210> 41
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Cys Asp Glu Gly Asn Gln Ser Thr
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 42

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1 5 10 15